

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002136

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04M1/725 H04M1/274

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 217 792 A (MICROSOFT CORP) 26 June 2002 (2002-06-26) the whole document	1-32
X	US 2003/022697 A1 (CHEN KUN-HUEI ET AL) 30 January 2003 (2003-01-30) the whole document	1-14
X	GB 2 352 128 A (NEC TECHNOLOGIES) 17 January 2001 (2001-01-17) the whole document	1-32
X	US 6 233 448 B1 (ALPEROVICH VLADIMIR ET AL) 15 May 2001 (2001-05-15) the whole document	14-32
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the International search

1 October 2004

Date of mailing of the International search report

08/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ayala Perriello, M-P

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002136

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/142792 A1 (MARTINEZ JAIME) 3 October 2002 (2002-10-03) the whole document	14-32
X	US 2002/193150 A1 (PRITCHARD JEFFREY A) 19 December 2002 (2002-12-19) the whole document	1-32
X	US 2003/008662 A1 (STERN EDITH H ET AL) 9 January 2003 (2003-01-09) the whole document	14-32
X	US 6 085 098 A (BARATT MANON ET AL) 4 July 2000 (2000-07-04) the whole document	1-32
X	US 2002/028684 A1 (KUWAHARA SOICHI ET AL) 7 March 2002 (2002-03-07) the whole document	1-32
X	US 2002/132616 A1 (RICHTER MATTHIAS ET AL) 19 September 2002 (2002-09-19) the whole document	1-49
X	WO 03/009484 A (WILDSEED LTD) 30 January 2003 (2003-01-30) the whole document	33-49

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/002136

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1217792	A	26-06-2002	US EP JP	2002119788 A1 1217792 A1 2002271866 A		29-08-2002 26-06-2002 20-09-2002
US 2003022697	A1	30-01-2003	GB	2377857 A		22-01-2003
GB 2352128	A	17-01-2001		NONE		
US 6233448	B1	15-05-2001		NONE		
US 2002142792	A1	03-10-2002		NONE		
US 2002193150	A1	19-12-2002		NONE		
US 2003008662	A1	09-01-2003		NONE		
US 6085098	A	04-07-2000	AU AU BR CA CN DE DE EE EP ES JP PL TR WO	741196 B2 1107399 A 9813259 A 2306172 A1 1277690 T 69801337 D1 69801337 T2 200000247 A 1023670 A1 2162474 T3 2001521300 T 340214 A1 200001048 T2 9921099 A1		22-11-2001 10-05-1999 22-08-2000 29-04-1999 20-12-2000 13-09-2001 29-05-2002 15-06-2001 02-08-2000 16-12-2001 06-11-2001 15-01-2001 21-09-2000 29-04-1999
US 2002028684	A1	07-03-2002	JP US	11018137 A 6389288 B1		22-01-1999 14-05-2002
US 2002132616	A1	19-09-2002		NONE		
WO 03009484	A	30-01-2003	US EP WO WO US US US US US US US US US US US US US US	2003017848 A1 1417775 A1 03009484 A1 03009566 A2 2002098876 A1 2003064689 A1 2003073462 A1 2003073415 A1 2003104791 A1 2003224831 A1 2003186729 A1 2004018863 A1 2004137954 A1 2004132492 A1 2003017823 A1		23-01-2003 12-05-2004 30-01-2003 30-01-2003 25-07-2002 03-04-2003 17-04-2003 17-04-2003 05-06-2003 04-12-2003 02-10-2003 29-01-2004 15-07-2004 08-07-2004 23-01-2003